

Conference “Inductive Metaphysics: Insights, Challenges and Prospects”

(<http://www.philosophie.hhu.de/im-conference>)

Conference Program

Venue:

University of Düsseldorf Campus, Building 23.01 (Universitätsstr. 1; 40225 Düsseldorf)

Plenary talks: Room 23.01.HS 3C *Section 1:* Room 23.01.HS 3C *Section 2:* Room 23.01.HS 3B *Section 3* Room 23.02.U1.21

Wednesday 9 August 2023

8.15-9:00	Registration		
9:00-9:05	Gerhard Schurz, Opening		
9:05-10:20	Plenary Talk. Oliver R. Scholz & Ansgar Seide (both University of Münster, Germany): “Inductive metaphysics: Historical reconstruction and defence against its critics”		
	<i>Section 1</i> Methodology of inductive metaphysics	<i>Section 2</i> Metaphysics and the sciences	<i>Section 3</i> Inductive approaches to metaphysical issues
10:40-11:30	Katie Morrow, Bielefeld University, Germany, “An underdetermination problem for inference to the best explanation in the metaphysics of science”	Paul Hoyningen-Huene, University of Hannover, Germany, and University of Zürich, Switzerland, “Thomas Kuhn as an inductive metaphysician”	Alexander Gebharter, Marche Polytechnic University, Italy, “Quantifying proportionality and the limits of higher-level causation and explanation”
11:30-12:20	Mousa Mohammadian, Ahmedabad University, India, “Theoretical virtue in science and metaphysics: On methodology of theory choice in metaphysics”	Lorenzo Spagnesi, University of Trier, Germany, “Idealized models in science and metaphysics: A Kantian approach”	Vera Hoffmann-Kolss, University of Bern, Switzerland, “Causes, contexts, and norms”
12:20-14:00	Lunch Break		

14:00-15:20	Plenary Talk. Matthias Neuber (University of Mainz, Germany): “Inductive metaphysics in the context of two movements: Critical realism and logical empiricism”		
15:40-16:30	Filippo Mancini, University of Bonn, Germany, “On justifying and explaining abduction”	Brigitte Falkenburg, University of Dortmund, Germany, “Analogical and inductive reasoning in the ‘Critique of Pure Reason’”	
16:30-17:20	Filippo Ferrari, University of Bonn, Germany, “Logic is minimally intrinsically normative”	Kristina Engelhard, University of Trier, Germany, “Kant’s justification of the objectivity of theory choice”	
17:40-19:00	Plenary Talk. Katherine Brading (Duke University, USA): “Principles and evidence in metaphysical theorizing”		
19:30	Conference Dinner		

Thursday 10 August 2023

9:00-10:20	Plenary Talk. Andreas Hüttemann (University of Cologne) & Gerhard Schurz (University of Düsseldorf): “Inductive metaphysics in contemporary philosophy”		
	<i>Section 1</i> Methodology of inductive metaphysics	<i>Section 2</i> Metaphysics and the sciences	<i>Section 3</i> Inductive approaches to metaphysical issues
10:40-11:30	Cruz Davis, University of Massachusetts Amherst, USA, “Getting real about metaphysical inference”	Oleksiy Polunin, National University of Life and Environmental Sciences, Kyiv, Ukraine, “The manipulability theories of causality in the space of the multiple mental representations of time flow”	Martin Grajner, Technische Universität Dresden, Germany, “Inductive metaphysics: Lessons for the notion of ground”

11:30-12:20	Christian J. Feldbacher-Escamilla, University of Cologne, Germany, “Abductive knowledge vs. abductive preference”	Fabian Hundertmark, University of Bielefeld, Germany, “Causal bases in the life-sciences”	Quentin Ruyant, The Complutense University of Madrid, Spain, “Possible situations and induction towards necessity”
12:20-14:00	Lunch Break		
14:00-15:20	Plenary Talk. Stephen Biggs (Iowa State University, USA): “Abduction as the ultimate arbiter of modal disputes”		
15:40-16:30	Matthias Rolffs, University of Bern, Germany, “Conceptual re-engineering for inductive metaphysicists”	Javier Suárez Díaz and Marie I. Kaiser, University of Bielefeld, Germany, “How to conceive inductive metaphysics for philosophy of biology?”	
16:30-17:20	Markus Schrenk, University of Düsseldorf, “Data, curve-fitting, and model-building in metaphysics”	Niklas Parwez, University of Düsseldorf, “The normic-dispositional interpretation of fitness”	
17:40-19:00	Plenary Talk. Jenann Ismael (Johns Hopkins University, USA): “Laplace meets Godel: How self-reference foils prediction”		

Friday 11 August 2023

9:00-10:20	Plenary Talk. Naomi Thompson (University of Southampton, UK): “Joint carving, realism, and reality”		
	<i>Section 1</i> Methodology of inductive metaphysics	<i>Section 2</i> Metaphysics and the sciences	<i>Section 3</i> Inductive approaches to metaphysical issues
10:40-11:30	Chalas Kévin, University of Louvain, Belgium, “Inferences from scientific theories and the threat of empirical	Michael te Vrugt, University of Münster, Germany, “The metaphysics of thermodynamics”	Maria Sekatskaya and Gerhard Schurz, University of Düsseldorf, “Abductive account of free will”

	incoherence: defending a metaphysics for scientific practice”		
11:30-12:20	Ole Höffken, University of Heidelberg, Germany, “Virtue-centric abduction”	Twan Stiegel, Humboldt University Berlin, Germany, “Quantum mechanics as a challenge for inductive metaphysics”	Kian Salimkhani and Martin Voggenger, University of Cologne, Germany, “On solving the problem of the direction of time”
12:20-14:00	Lunch Break		
14:00-15:20	Plenary Talk. Igor Douven (IHPST, Pantheon-Sorbonne University, France): “The learnability of natural concepts”		
15:40-16:30	James Fraser, University of Wuppertal, Germany, “Effective metaphysics”	Alessandro Torza, National Autonomous University of Mexico, “Toward a constructive theory of metaphysical indeterminacy”	
16:30-17:20	Donnchadh O’Conaill, University of Fribourg, Switzerland, “The limits of inductive metaphysics”	Cristian Soto, University of Chile, “Physical laws, modality, and empiricism”	
17:40-19:00	Plenary Talk. Anjan Chakravartty (University of Miami, USA): “Scientific kinds: Inductive metaphysics twice over”		